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PUBLIC HEALTH
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BOROUGH OF DEAL

PUBLIC HEALTH DEPARTMENT

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1953

Public Health Department,
43, Queen Street,
Deal.

B O R O U G H O F D E A L

PUBLIC HEALTH COMMITTEE.

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Councillor A. Jenkins

VICE CHAIRMAN

Alderman W.P.D. Stebbing
F.S.A.,F.R.S.,L.R.I.B.A.,J.P.

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Councillor G. E. Peters
Councillor E. W. Prescott
Councillor A. W. Smith

PUBLIC HEALTH OFFICERS

Medical Officer of Health	Dudley W. Kirk, M.B.,Ch.B.
Senior Sanitary Inspector	W. Green, M.R.San.I. M.S.I.A.
Additional Sanitary Inspector	G. Almond,M.R.San.I. M.S.I.A.
Shorthand/Typist	Miss D. J. Staniforth

Public Health Department,

43, Queen Street,

Deal.

7th July 1954.

o the Mayor, Aldermen and Councillors

r. Mayor, Ladies and Gentlemen,

I beg to submit my 28th Annual Report on the health of the orough for the year 1953.

This report is a comprehensive review of the relevant facts equired as laid down by the Ministry of Health and exhibits an verall picture of a pleasant, healthy and progressive Borough, which an claim a high standard of health and Public Health amenities.

The vital statistics call for no particular comment and compare ry favourably with the National figures. Apart from a small and ld outbreak of Whooping Cough, the Borough has been singularly free minor infections. The year, however, was clouded by the unwelcome ppearance of a series of Poliomyelitis cases last September. This used considerable alarm throughout the community and the Council d extensive and stringent steps were taken to combat the disease d the concern which it had caused in the town. Cpnsiderable pub- city was given to the outbreak.

Housing problems which have been a very considerable worry to e Department have been less and easier to deal with.

Much work has been done in relation to Food Hygiene and a series lectures was commenced at the end of the year for the benefit of l food traders. The popularity and value of these proved itself the numbers attending and it is hoped that a very great benefit ll ensue.

The Department throughout the year remained as in the former ree years, understaffed. It has not been possible, therefore, ring 1953 to regain the lost ground in the matter of inspections d other routine works. The vacancy for an additional sanitary spector, however, will be remedied in 1954 as approval for an pointment has been granted.

In spite of the shortness of staff I would like to commend the nitary Inspectors for the work they have performed through the year. ey have maintained a good average for inspections and have done a nsiderable amount of valuable investigations, particularly in re- tion to food hygiene, ice cream, drainage repairs and rodent control.

I have to thank the members of the Town Clerk's Department, d those associated with the Borough Surveyor's and Borough Treasurer's partments for their continued courtesy and assistance. This has been valuable and a great help to the progressive work of the department.

I should like to take this opportunity of recording my gratitude the late Town Clerk, Mr. D. A. Daniels, O.B.E. in appreciation of e many years in which we have been associated as servants of the rough. He was always most careful and helpful in guiding the policy be followed and his learned advice enabled the Department to solve y difficult legal problems associated with Public Health matters.

Finally I should like to express my thanks to the Chairman and

members of the Public Health Committee, who have always been most considerate and ready to give their reasoned judgement.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

Dudley W Kirk.

Medical Officer of Health.

ATISTICS AND SOCIAL CONDITIONS OF THE AREA

CA

The area of the Borough is 2,917 acres, exclusive of the reshore. No alteration in the area has been made since the t Review Order, 1935.

PULATION

The total population for the mid year is	23,930
This shows a decrease in the total population on last year's figure of	290
For calculating the Birth and Death Rates the population is taken as	23,930
The number of inhabited dwellings at 31st March 1953	7,612
The Rateable Value on 31st March 1953 was	£171,888
The sum represented by a Penny Rate was	£670. 9. 9.

SICAL FEATURES AND SOCIAL CONDITIONS

Deal is a well-known and happy seaside resort, fortunately uated on the channel coast and renowned for its health giving perties. It has a wealth of history and strongly attracts the liday-maker, providing as it does a fine sea-front and a very r share of good climate.

It still retains its quiet residential atmosphere and is a ular place for the retired. The nearby colliery, which has been ablished nearing 30 years, has done much to activate the town, ch is considered an admirable shopping place and thus combines quiet atmosphere with the business associated with industry. eral small industries have become well established within the ough in the last few years and with these influxes considerable ension in housing estates has developed. These new properties pensate much for the presence throughout the Borough of aged llings so closely connected with the historic associations of town.

Many of the scars of War to which this Borough was so cruelly jected, have disappeared and the future developments promised l add much attraction to this already favourite resort.

Popular among its amenities is the evenness of the ground the surrounding attractive wooded areas. The beach extending e $3\frac{1}{2}$ miles is mostly flint pebble and by the reason of the tides mpolluted and not given to ill effects which are felt by less tunate resorts.

METEOROLOGY

Details of meteorological observations are set out below :-

The hottest month was August giving a mean maximum reading of 69°F while the coldest month was January with a mean of the minimum reading of 34°F.

The total rainfall for the year was 20.20 inches, the heaviest amount falling in September xiz. 3.22 inches while during March the amount registered was only 0.12 inches, this being the driest month of the year.

The total hours of sunshine recorded for the year was 1599.3 the sunniest month being May with 235.2 hours, while January with a recording of 19.7 hours had the least sunshine.

RECORD OF METEOROLOGY 1953

Month	Average Thermometer. Degrees Fahrenheit.		Rainfall in inches	Total hours of Sunshine
	Max	Min		
January	42	34	0.98	19.7
February	44	35	1.91	66.8
March	46	35	0.12	108.8
April	51	42	1.04	176.6
May	60	41	1.68	235.2
June	64	55	2.14	183.0
July	67	53	2.24	192.5
August	69	54	1.68	234.7
September	65	51	3.22	209.8
October	58	47	2.60	88.6
November	52	40	1.54	49.2
December	49	42	1.05	34.4
TOTALS			20.20	1599.3

EXTRACTS FROM VITAL STATISTICS 1953

	1952	1953 Total	1953 Male	1953 Female	England and Wales
IVE BIRTHS					
Legitimate	360	402	201	201	-
Illegitimate	32	24	13	11	-
irth Rate per 1000 of the esidential population.....	16.18	16.8	-	-	-
djusted Birth Rate per 1000 f the residential population	17.8	17.8	-	-	15.5
TILL BIRTHS					
Legitimate	7	7	2	5	
Illegitimate	NIL	NIL	NIL	NIL	
te per 1000 total births ...	17.86	16.17	-	-	22.4
te per 1000 of the sidential population	0.29	0.29	-	-	0.35
EATHS					
From all causes	297	279	147	132	-
ude Death Rate per 1000 of e residential population ...	12.26	10.1	-	-	-
justed Death Rate per 1000 the residential population	11.77	10.06	-	-	11.4
ATHS FROM MATERNAL CAUSES					
No. 30 Pregnancy Child-birth and Abortion	1	NIL	NIL	NIL	-
te per 1000 Live and Still rths	2.55	NIL	-	-	-
ATHS OF INFANTS UNDER 1 YEAR					
Legitimate	11	12	6	6	-
Illegitimate	NIL	1	NIL	1	-
ATHS OF INFANTS UNDER 4 WEEKS					
Legitimate	2	7	5	2	-
Illegitimate	NIL	NIL	NIL	NIL	-
ATH RATE OF ALL INFANTS					
Per 1000 Live Births	28.06	46.94	-	-	26.8
Legitimate Infants per 1000 Legitimate births	30.55	47.28	-	-	-
Illegitimate infants per 1000 Illegitimate births	NIL	41.33	-	-	-
ATH FROM CANCER (All ages)	53	47	23	24	-
ATH FROM MEASLES (All ages)	NIL	NIL	NIL	NIL	-
ATHS FROM WHOOPING COUGH (All ages)	NIL	NIL	NIL	NIL	-

Set out below are the certified causes of Deaths in the Borough during 1953

Causes of Death	Male	Female
1. Tuberculosis, Respiratory	1	2
2. Tuberculosis, other	0	0
3. Syphilitic Disease	0	0
4. Diphtheria	0	0
5. Whooping Cough	0	0
6. Meningococcal Infections	0	0
7. Acute Poliomyelitis	0	2
8. Measles	0	0
9. Other infective and parasitic diseases ..	0	2
10.Malignant neoplasm, Stomach	3	2
11.Malignant neoplasm, Lung, Bronchus ...	5	1
12.Malignant neoplasm, Breast	-	4
13.Malignant neoplasm, Uterus	-	2
14.Other malignant and lymphatic neoplasms .	15	15
15.Leukaemia, aleukaemia	0	0
16.Diabetes	0	2
17.Vascular lesions of nervous system ...	23	15
18.Coronary disease, angina	20	13
19.Hypertension with heart disease	4	3
20.Other heart disease	21	27
21.Other circulatory disease	11	15
22.Influenza	2	2
23.Pneumonia	6	6
24.Bronchitis	6	1
25.Other diseases of respiratory system ...	2	1
26.Ulcer of stomach and duodenum	4	0
27.Gastritis, enteritis and diarrhoea ...	1	0
28.Nephritis and Nephrosis	2	2
29.Hyper plasia of prostate	3	0
30.Pregnancy, childbirth, abortion	0	0
31.Congenital malformations	1	0
32.Other defined and ill-defined diseases ..	12	11
33.Motor vehicle accidents	3	0
34.All other accidents	2	3
35.Suicide	0	1
36.Homicide and operations of War	0	0
All causes	147	132

STATISTICS

Estimated Population	23,930
No. of houses	7,612
Area	2,917 acres
Density	8.20 per acre 3.14 per house

UBLIC HEALTH STAFF

In 1953 the constitution of the staff remained unchanged - i.e. part from myself, one Senior Sanitary Inspector, one Additional anitary Inspector, one Shorthand/Typist, one Rodent Operator and he Outworker.

The Council had not seen their way to increase the complement hich was well below the authorised number. At the close of the year he Public Health Committee were again making an appeal for the ngagement of another Additional Sanitary Inspector, in that much f the routine and general work by reason of lack of staff has been lling into arrears. I should like to commend all the members of the ublic Health staff on their work during 1953. They have performed t competently and dealt expeditiously with the many urgent problems hich have arisen. There has been a marked increase for the reason f the urgency of the complaints and I feel that much of this is due o the fact that such complaints could be forestalled and defects ound before they arise but for the necessary abandonment of routine ervices.

It is seriously hoped that in the coming year the Council would e their way to remedy this deficiency in the staff.

ABORATORY FACILITIES

As formerly the County Laboratory at Maidstone, under the di- ection of Dr. A. Elliott, M.D., D.P.H. Kent County Medical Officer, s provided all laboratory work we have required.

The service here has been excellent, handling as they do all ecimens of water, milk, ice cream, foods, etc. promptly and curately and I should like to record my thanks to and praise r the County Laboratory.

CAL AMBULANCE FACILITIES

Here again nothing but praise can be said of this service. e Ambulance Station situated at Mill Hill, Deal, and directed der the National Health Scheme, has always performed its duties st promptly.

The vehicles are fitted with radio communication sets, which ve much to the added promptness required in this work.

I commend to you the staff and work of this service which I el could not be bettered.

RSING IN THE HOME

This service is directed by the Kent County Council and we are rved as before by three general nurses working in their own allo- ted areas in the Borough. All the nurses are on the telephone and have not received one complaint but many words of praise for the rk of these women.

DWIVES

A similar number of midwives allocated to specified areas in e town perform the majority of home confinements and here again eir work is of a very high standard. In former years these nurses alt with most of the confinements in the town but with the insti- tion of the Buckland Maternity Hospital at Dover, admission to which eagerly sought by expectant mothers, has in some measure relieved e situation.

MIDWIVES (Continued)

There may be a slight tendency now as the Hospital prefers to accept only first or complicated cases for more home confinements to take place.

The liaison between these nurses, the Hospital, Ambulance Service and the Doctors, is first class, so that the community is well served by these arrangements.

CLINIC AND TREATMENT CENTRES

Here again these are directed by large authorities - i.e. the Kent County Council, The Victoria Hospital, and the Kent Education Authority. The Kent County Council direct the Mother and Child Welfare, Ante Natal, Birth Control, and Tuberculosis Clinics. Whilst the Kent Education Authority provides a central clinic for school children, dealing with minor ailments, mental troubles and speech therapy. Other treatment centres are placed under the specialists arranged at the local Hospital.

I append herewith statistics relating to the Child Welfare and Ante Natal Clinics :-

Attendances at Child Welfare Centres:

1.	Number of individual children under one year of age who attended during the year	299
2.	Number of individual children between one and five years who attended during year	524
3.	Total number of attendances of all children under five years of age	6,570

Ante-Natal Clinics

1.	Number of expectant mothers who attended during the year	62
2.	Total number of attendances during the year	244

PERSONS IN NEED OF CARE

The Borough contains a high proportion of elderly people and many by reason of financial stringencies and present day problems come under this category.

Periodically the question of the old requiring help presents a difficult problem, particularly so as some prefer to retain their pride and independance and are not amicable to the offer of help from the Authority.

Within the Borough there are at least two well organised and desirable Homes for the housing of the old folk. These are situated at General's Meadow, Walmer, under the Kent County Council and at St. Albans, The Grove, controlled by a local committee. The popularity and help of these institutions is undoubted.

Neither, however, are in a position to cope with people who are requiring nursing attention and if it was possible to increase the

ERSONS IN NEED OF CARE (Continued)

ne accommodation for this section of the community it would be of ndoubted benefit.

The Regional Hospital Board caters for those cases requiring rsing attention and this is arranged through the able offices of r. Jordan of Buckland Hospital, Dover.

It has not been necessary to date to exercise any powers under the ational Assistance Act, 1948, but through the fine co-operation of the gional Hospital Board all cases have been dealt with satisfactorily.

OSPITALS

nfectious Diseases

The admission of infectious disease cases to Hospital is catered r by our arrangement with the Dover Isolation Hospital, Tower Hamlet d I have to thank Dr. Lynch and his staff for the helpful and prompt ttention to our cases. We have fortunately been reasonably clear of rious infection, with one exception, that was of Acute Poliomyelitis, ich developed in the Borough at the beginning of October. We sus- ined an outbreak of some severity, which gave rise to great concern roughout the community and to the Council. The outbreak received a eat deal of publicity and many wild speculations and rumours arose the minds of the people.

The outbreak came largely to centre itself on one of the local hools and later involved a few children who attend a nearby private hool. Most of the cases occurred in children of school age but fected a number of adults. Details are given below :-

			Age		
se No.1	16.7.53	Girl	5	Paralytic	Wilson Avenue
se No.2	3.10.53	Girl	3	do.	Redsull Avenue
se No.3	6.10.53	Boy	4	do.	Church Path
se No.4	9.10.53	Adult (Male)	30	do.	Blenheim Road
se No.5	13.10.53	Girl	11	do.	Manor Road
se No.6	17.10.53	Boy	11	do.	London Road
se No.7	19.10.53	Boy	4	do.	Cowdray Square
se No.8	20.10.53	Boy	4	Non-Paralytic	York Road
se No.9	22.10.53	Adult (Male)	53	Polioencep-halitis Para-lytic Infective	Gladstone Road
se No.10	24.10.53	Boy	9	Polioencep-halitis Non-Paralytic Infective	Northwall Road
se No.11	26.10.53	Girl	5	Paralytic	Pilots Avenue
se No.12	3.11.53	Boy	7	do.	High Street
se No.13	10.11.53	Boy	15	do.	Mill Road
se No.14	30.11.53	Girl	7	do.	North Barrack Road
se No.15	3.12.53	Boy	7½	Non-Paralytic	Mongeham
se No.16	22.12.53	Boy	8	do.	Orchard Avenue

Out of the cases involved there were two deaths. A great deal investigation was given to the contacts, particularly in the fected school, where work which had been delayed during the summer liday had taken place in the renovation of the lavatories.

No definite cause can be established for the originality of the tbreak and all known precautions were observed. Advices were given the schools and all people concerned.

HOSPITALS (Continued)

Surgical and Medical

The Victoria Hospital, London Road, is directed under the South Eastern Hospital Management Board. It is graded as a General Practitioner's Hospital, but is also well staffed with visiting specialists

Here out-patient clinics are held and include services relating to Orthopaedic, Tuberculosis, Medical, Surgical, Ear, Nose and Throat Ophthalmic, X-Ray, Physiotherapy, etc. The Hospital not only serves Deal but many of the small towns and villages surrounding.

The work here is, of course, first class and during the year the new children's ward was built and put into operation - this of course has been of tremendous benefit.

Undoubtedly the work of this institution increases and come time it will be necessary to include and add further extensions particularly so in relation to out-patients and ward accommodation.

HEALTH VISITORS

These nurses are under the direction of the Kent County Council and several are employed in the Borough attending clinics and general health visiting duties.

DIPHTHERIA IMMUNISATION

As in previous years this service is available at all Children's Clinics and at the surgeries of the local Doctors.

It is controlled by the County Medical Officer of Health, acting on behalf of the Ministry. The great majority of children receiving immunisation are dealt with by the School Medical Officer in the schools and at the School Minor Ailment Clinic. The service is well patronized and now becoming a routine acceptance of the parents, of whom only a very, very few object. The statistics already demonstrat to the Council show the amazing benefit that has been accomplished. It is difficult to understand on the basis of the statistics why any parent should ever object to immunisation.

During 1953 the School Medical Staff have paid particular attention to immunisation and in this locality a very satisfactory state exists.

VACCINATION

Below are given the totals of vaccinations performed. As before this service is available through the local practitioners and the various welfare clinics :

Year of Birth	1953	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939
Primary Vaccination	149	89	3	3	2	-	1	-	-	-	-	1	-	-	-
Re-Vaccination	-	-	2	4	1	2	-	2	-	3	2	-	1	1	2

CTIOUS DISEASES

Herewith the statistics for 1953. The previous years figures also included for comparison :

	Total Cases Notified		Removed to Hospital	
	1952	1953	1952	1953
eumonia.....	2	9	-	-
ooping Cough	36	247	-	1
asles	481	37	1	-
arlet Fever	3	43	1	1
sipelas	-	2	-	-
sentery	3	-	-	-
d Poisoning	-	1	-	-
erculosis Pul	13	12	-	-
erculosis Non-Pul	2	-	-	-
iomyelitis Paralytic	-	12	-	12
iomyelitis Non-Paralytic	-	2	-	2
te Encephalitis Infective	-	2	-	2
rperal Pyrexia	-	1	-	-
ingococcal Infection	-	1	-	1
OTALS :	540	369	2	19

It will be noted that we had a mild whooping cough epidemic which red in the first half of the year. No untoward sequelae occurred.

The only other disease to be noted was the outbreak in the fall e year of Poliomyelitis, details of which are already mentioned is report.

R

The number of deaths from maligant disease in this area during was :-

	Males	Females	TOTAL
Deal Borough	23	24	47

This gives a death rate within the Borough of 1.96 per 1,000 ation.

TION OF BLINDNESS

o cases of Ophthalmia Neonatorum were notified during the year, was not necessary to take action under Section 66 of the Public Act, 1936.

ULOSIS

t was not necessary to take action under the Public Health ntion of Tuberculosis)Regulations, 1952, relating to employees milk supply trade, nor under Section 171 of the Public Health 936, for the compulsory removal of Tuberculosis patients to al.

he following Table shows the new cases and mortality relating erculosis during the year 1953.

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M	F	M	F	M	F	M	F
1	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
15	1	-	-	-	-	-	-	-
20	-	1	-	-	-	-	-	-
25	2	2	-	-	-	-	-	-
35	-	1	-	-	-	-	-	-
45	2	1	-	-	-	1	-	-
55	1	-	-	-	1	-	-	-
55 and over	1	-	-	-	-	1	-	-
TOTALS	7	5	-	-	1	2	-	-

SCHOOLS

Under the direction of the County Medical Officer, Dr. A. Elliot I act as Assistant School Medical Officer to the Schools of this Boro The nursing staff consist of one full-time nurse and the services of another health visitor whose main function is School work but assists at other clinics.

The centre of this service is situated at the Minor Ailment Clinic, Victoria Park, Deal, which also contains a School Dental Clinic and Speech Therapy Clinic.

Every school is subjected to routine inspection and the children according to their age receive medical examination twice a year. All forms of medical treatment and advices are available to the children through the schools own clinic and arrangement with Hospitals. Most of these other Clinics are held at the Victoria Hospital, Deal.

A strong understanding exists between the School Medical Service and the local practitioners, such, that the Doctors are kept fully informed of the welfare and any health defects found amongst their own particular school patients.

No day nurseries or special schools exist in this area. There i found little or no need for these institutions, but particular intere and work is centred on the case of the backward or neglected child. Special arrangements exist for the admission of such children to suit Hospitals throughout the country.

The standard of the school children's health in this area is hig

SANITARY CIRCUMSTANCES OF THE AREA

TER SUPPLY

Regular sampling of the Town Water Supply for chemical analysis d bacteriological examination continues to give satisfactory results.

ality and Quantity

The supply is constant and the standard of purity is very satisctory. The water is from deep boreholes into the chalk and is lorinated at the source. Great Mongeham and Sholden areas are supied by the East Kent District Water Company of Snodland. The ectrification and instrumentation of the Council's waterworks, which ll result in increased safeguards and efficiency, was completed ring the year. The following figures relate to Deal and Walmer :-

tal storage capacity	950,000 gallons
mping	2,000 gallons per min.
antity delivered during 1953/4	441,616,136 gallons
ily consumption	1,212,000 gallons

cteriological and Chemical Examinations

	No. taken	No. unsatisfactory
al Waterworks in Supplies		
Chemical	8	1 (Taste arising from private service)
Bacteriological	47	1 (Untreated water during operations at works)
st Kent District Water Co.		
Bacteriological	23	Nil

Typical reports on the main supplies are shown below :

INICAL RESEARCH ASSOCIATION

al Borough

4.12.53

emical and Bacteriological water report

The samples of water marked "Water from Chalk Well adits" collected the 30.11.53, and received here on 1.12.53, have been examined with e following results :

	Parts per 100,000	Grains per gallon
Chemical		
Total solids (Dried at 120°)	41.0	28.7
Combined Chlorine (as Cl)	3.7	2.6
Equivalent to Sodium Chloride NaCl	6.1	4.3
Nitric Nitrogen (Nitrates)	0.72	0.50
Nitrous Nitrogen (Nitrates)	Nil	Nil
Ammoniacal Nitrogen	Nil	Nil
Albuminoid Nitrogen	Nil	Nil

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M	F	M	F	M	F	M	F
1	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
15	1	-	-	-	-	-	-	-
20	-	1	-	-	-	-	-	-
25	2	2	-	-	-	-	-	-
35	-	1	-	-	-	-	-	-
45	2	1	-	-	-	1	-	-
55	1	-	-	-	1	-	-	-
55 and over	1	-	-	-	-	1	-	-
TOTALS	7	5	-	-	1	2	-	-

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Total solids (Dried at 120°)	41.0	28.7
Combined Chlorine (as Cl)	3.7	2.6
Equivalent to Sodium Chloride NaCl	6.1	4.3
Nitric Nitrogen (Nitrates)	0.72	0.50
Nitrous Nitrogen (Nitrates)	Nil	Nil
Ammoniacal Nitrogen	Nil	Nil
Albuminoid Nitrogen	Nil	Nil

i. Chemical (continued)

	Parts per 100,000	Grains per gallon
Oxygen Absorbed in 4 hrs ... ... at 27°C	0.005	0.004
Lead or copper	Nil	Nil
Temporary Hardness (equiv. to CaCo3)	22.5	15.8
Permanent hardness (equiv. to CaCo3)	4.0	2.8
Total hardness (equiv. to CaCo3)	26.5	18.6

ii. Bacteriological

Agar plate count at 20-22°C for 3 days	= 22 per ml.
Agar plate count at 37°C for 2 days	= 4 per ml.
Faecal coli	Not found in 100 mls.
Probable number of coliform bacilli	Two per 100 mls. Non fa
Enterococci	Not found in 100 mls.
Cl. Welchii (spores)	Not found in 100 mls.

The combined chemical and bacteriological results show this wate to be satisfactory for drinking and domestic purposes.

(signed) R. S. Ralph M.R.C.S. D.P.H.

Laboratory Director.

Pathological Laboratories

County Hall,

Maidstone.

Laboratory No. T.81180

Report of Sample of Water

Sample received on 30th November 1953

Description of sample	No. of organisms per C.C. capable of growth on agar		B.Coli Presumptive
	37°C	22°C	
Water from tap on standpipe treated Deal Corporation Supply Source, South Street	0	0	Absent

REMARKS Good Water

(signed) E. R. Jones

Pathologist

Plumbo Solvent Action

There has been no evidence of plumbo solvency in the main supplies.

Action in respect of any form of contamination

There has been no contamination of the main water supply.

Means of Supply

99.75% of the houses in the area are supplied with main water

DRAINAGE AND SEWERAGE

The drainage and sewerage of the Borough remains in principle the same as in previous years. The sewering of Great Mongeham has made considerable progress. Plans are in being for improvements at the North Deal Pumping Station which will, it is hoped, reduce risk of flooding during heavy rainstorms, which is now occasionally experienced in certain areas of the town.

The following figures show the drainage work carried out by the Public Health Department in the di trict during 1952/3 :

	1952	1953
Visits	457	504
Drains cleared	169	153
Drains reconstructed .. .. or repaired	35	34
Drains inspected or tested	63	67

RIVERS AND STREAMS

No action has been necessary in relation to pollution of water courses during the past year.

Anti-mosquito work in respect of dykes and ponds is undertaken each year and a suitable larvicide is sprayed on all known breeding grounds.

PUBLIC CLEANSING

The Public Cleansing Service operates under the supervision of the Borough Surveyor.

(a) Collection

Collection is undertaken by direct labour Modern covered motor vehicles are used for this purpose. A charge is made for collection of trade refuse.

(b) Disposal

The refuse is conveyed to the Council's refuse tip where salvageable articles are removed, the residue being disposed of by controlled tipping.

(c) Gulley cleansing

A combined vacuum gulley emptier and flushing tank is owned and operated by the Corporation.

OFFENSIVE TRADES

Three Rag and Bone Dealers establishments are approved by the Council within this area. Consents are renewed for periods

OFFENSIVE TRADES (Continued)

of one year. No complaints have been received in respect of thes businesses.

STEAM DISINFECTION

The following figures show the use of the Steam Disinfector during 1953. Figures for 1952 are shown for comparison :

	1952	1953
Times used	12	17
Cases concerned	19	26
Bed Bugs	-	-
Other Vermin	1	4
Infectious Disease	9	15
Other cases	9	7
Total	19	26
No. of articles treated ...	193	260

In addition the Department arranged and carried out the foll- ing disinfections :

	1952	1953
Houses	17	51
No. of rooms	24	75
Hospital Wards	2	3

FACTORIES ACT 1937 and 1948

i. Inspections for purposes of provisions as to health

Premises	No. on Reg.	Number of Inspections	Written Notices	Occupier prosecuted
1. Factories in which sections 1-6 are to be enforced by Local Authority	27	8	7	-
2. Factories not included above in which Section 7 is enforced by the Local Authority	104	53	11	-
3. Other premises in which section 7 is enforced by the Local Authority (excluding out workers premises	4	-	-	-
Total	135	61	18	-

FACTORIES ACT 1937 and 1948 (continued)

ii. Cases in which defects were found

Particulars	No. of cases in which defects were found				No. of cases in which prosecutions were instituted.
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	-	1	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable Temp.	-	-	-	-	-
Inadequate ventilation	-	-	1	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary conveniences					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or def.	8	8	-	3	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	7	7	2	-	-
Total	15	16	3	3	-

HOUSING

The housing position remains as in previous years the main features being the patient (or impatient) applicants for Council houses and the owners of houses with rents controlled from Pre-war days faced with ever rising maintenance costs.

A successful application was made to the Courts for a Nuisance Order in connection with one particular house.

Inspection of dwelling houses during the year

	1952	1953
1. (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	237	219
(b) Number of inspections made for that purpose	992	733
2. (a) Number of dwelling houses (included, under sub-section (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 ...	118	68
(b) Number of inspections made for that purpose	118	68
3. Number of dwelling houses found to be in a state so injurious to		

Inspection of dwelling houses during the year (continued)

	1952	195
3. health as to be unfit for human habitation	4	3
4. Number of dwelling houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	151	168

Remedy of Defects during the year without service of Formal Notice.

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	152	93

Action under Statutory Powers during the year

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936		
(a) Number of dwelling houses in respect of which notices were served requiring repairs	2	Nil
(b) Number of dwelling houses which were rendered fit after service of formal notices		
(1) by owners	15	Nil
(2) by local authority in default of owners ...	Nil	Nil
B. Proceedings under Public Health Acts.		
(a) Number of dwelling houses in respect of which notices were served requiring defects to be remedied ...	5	16
(b) Number of dwelling houses in which defects were remedied after service of formal notices		
(1) by owners ...	2	3
(2) by local authority in default of owners	Nil	1
C. Proceedings under Sections 11 and 13 of the Housing Act 1936.		
(a) Number of dwelling houses in respect of which demolition orders were made	Nil	Nil
(b) Number of dwelling houses demolished in pursuance of demolition orders ..	Nil	Nil
(c) Number of dwelling houses in respect of which an undertaking was accepted as to the future user	1	1
(d) Number of dwelling houses in respect of which an undertaking was cancelled the dwelling having been rendered fit	Nil	Nil

Action under Statutory Powers during the Year (continued)

	1952	1953
D. Proceedings under Section 12 of the Housing Act, 1936		
(a) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil	1
(b) Number of separate tenements or underground rooms in respect of which Closing Orders were determined the tenements or rooms having been rendered fit	1	Nil
E. Proceedings under Part IV (Overcrowding) of the Housing Act, 1936.		
(a) (i) Number of dwelling houses overcrowded at the end of the year	No reliable figures available	
(ii) Number of families dwelling therein		
(iii) Number of persons dwelling therein		
(b) Number of new cases of overcrowding reported during the year		
(c) (i) Number of cases of overcrowding relieved during the year		
(ii) Number of persons concerned in such cases		
(d) Particulars of any case in which dwelling houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding.		

Selection of Housing Defects Remedied

	1952	1953
Roofs repaired or renewed	65	73
Walls (external) repointed etc.	54	53
Wall plaster repaired	56	64
Floors repaired/renewed	31	36
Ceiling plaster repaired	36	43
Windows repaired/renewed	72	75
Coppers provided/repaired	8	1
Fireplaces repaired/renewed	14	22
Cooking ranges repaired/renewed	8	6
Sinks or wash-houses provided	2	5
Sinks repaired/renewed	17	19
Interior water supply provided	1	-
Waste pipes repaired/renewed	4	2
Additional lighting	1	-
Repairs to water supplies	4	8
Downspouting repaired/renewed	5	13
Guttering repaired/renewed	22	15
Food Stores provided/repaired	1	-
Sash Cords provided	22	54
Handrails fixed on stairs	13	12
Stairs repaired/renewed	4	4

A Selection of Housing Defects Remedied (Continued)

	1952	195
Doors repaired/renewed	18	30
Woodwork repainted	3	5
Chimneys and stacks repaired	27	29
Yards, passages paved/repaired	14	8
Dampness abated	26	65
Additional Ventilation	2	8
Rooms cleansed and redecorated	-	6
Waterclosets provided	5	2
Waterclosets renewed	12	16
Waterclosets Compartments repaired	35	30

Table of Works of Sanitary Inspectors
(excluding Housing)

	1952	195
Water Supply	5	15
Drainage visits	457	504
Cesspools	17	6
Keeping of Animals etc.	73	72
Offensive Trades	8	8
Tents, vans and sheds	155	47
Factories with Power	47	53
Factories without Power	2	8
Others	-	-
Workplaces	2	2
Public Conveniences	2	32
Theatres	8	3
Licensed Premises	53	7
Provisions of Dustbins	6	4
Vacant land and dumps	21	17
Common courts and passages	20	12
Refuse tips	22	13
Rats and Mice	172	106
Smoke observations	2	6
Schools	2	13
Shops (Shops Act 1950)	18	10
Verminous premises	216	136
Verminous persons	4	1
Filthy premises	23	11
Infectious Disease	60	94
Slaughterhouses	-	1
Rivers and Streams	16	8
Meat Shops and Stores	67	46
Fishmongers and Poulterers	12	16
Grocers and other foodshops	70	76
Greengrocers and Fruiterers	13	22
Cowsheds	-	3
Dairies and Milkshops	29	71
Fried Fish Shops	4	4
Ice Cream Premises	93	96
Preserved Food Premises	3	5
Stalls and Barrows	27	22
Restaurants	59	76
Visits re unsound food	200	167
Bakehouses	35	35
Flooding	89	41
Dust	-	-
Foreshore	1	2
Food Poisoning Investigations	-	12
Re-housing Investigations	189	140
Pet Shops	30	17
Rag Flock premises	3	-
Boarding Houses	2	1
Underground Rooms	7	1
Mosquitoes	5	4
Miscellaneous Visits	176	257
Interviews	262	309

bles of Works of Sanitary Inspectors
xcluding Housing) Cont'd.

	1952	1953
No. of Complaints	850	731
Pigeons	-	1
Offensive Smells	-	4
Old persons	-	3
Nat. Asst. Burials	-	1
Lectures	-	5

tal visits and Inspections

	1952	1953
Housing	992	733
Other	2786	2626
Rodent Operator	2213	2118
	5991	5477

rsons inadequately housed

140 visits were made in connection with re-housing applications.

The co-operation between the Health Department and the Town erk's Department continues to the advantage of the housing appli-nts. An inspection for vermin is always made before a family is -housed and on occasions this necessitates disinfestation before moval to the new house.

ODENT CONTROL

A Routine Work

The following table shows routine surface work during 1953 :

	Rats	Mice	TOTAL
emises under treatment at the end of 1952	8	1	9
w infestations treated during 1953	196	162	358
emises cleared of infestation during 1953	193	156	349
emises still under treatment t end of 1953	11	7	18

tal visits by Rodent Operator ... 2118

B Sewer Treatment

Sewer treatments were again carried out at six monthly inter-s. Co-operation was readily given by the Royal Marine Depot, where nd 7 manholes showed takes in the March and September treatments pectively.

RODENT CONTROL (Cont'd)

Sewer Treatment

The following figures show the number of manholes found to be infested since September 1950.

	No. M.H.'s in Area	Sep 50	Mar 51	Sep 51	Mar 52	Sep 52	Mar 53	Sep 53
Lower Deal	95	33	47	34	23	24	21	27
Lower Walmer (1)	84	50	48	32	27	35	26	19
Lower Walmer (2)	72	5	8	7	-	2	-	1
Middle Deal	117	42	43	12	-	4	2	5
Upper Deal	95	37	27	1	-	-	-	3
Upper Walmer	63	39	36	18	-	-	-	4
	526	206	209	104	50	65	49	59

It will be seen that Lower Deal and Lower Walmer (1) areas continue to form our hardcore of infestation. These are the Middle Stre /High Street and the York Road/Campbell Road areas.

It would be interesting to know more about the condition of the sewers and drains in these areas.

PORT SANITARY WORK

No duties have arisen under this heading during the year under review.

SHOPS ACT 1950

10 visits were made specifically under this Act during the year.

The provision of sanitary accommodation and washing facilities is automatically reviewed whenever food shops are visited.

MOVEABLE DWELLINGS

A. Camping Sites

(1) The Hawkshill Seaside Camp for London Boys continues to operate under a licence issued under Section 269 of the Public Health Act, 1936. The camp is admirably supervised and no complaints have been received or made in connection with it.

B. Individual Dwellings

5 Licences were issued to erect or station and use trailer caravans within the area.

VERMINOUS AND FILTHY HOUSES AND PERSONS

Verminous Premises

The following figures show the number of disinfestations carried out during the year :

	Council Houses	Non Council Houses	Other Premises
Cockroaches			
1st treatment	-	2	6
2nd treatment	5	4	-
3rd treatment	-	-	1
Subsequent treatments	-	3	7
Bed Bugs			
1st treatment	-	2	-
2nd treatment	-	-	-
3rd treatment	-	-	-
Other Vermin			
(including flies, ants, wasps, mosquitoes, earwigs, and furniture beetle etc.)	9	34	3

Total number of treatments was ... 76

Filthy Houses

Eleven visits were made to various dirty houses during the year.

DEALERS IN OLD METAL

Five premises are registered under Section 86 of the Public Health Act (Amendment) Act, 1907.

RAG FLOCK AND OTHER FILLING MATERIALS ACT 1951

Five premises remain on the register.

PET ANIMALS ACT 1951

Co-operation continues in the administration of the Act, with the Local Officer of the Royal Society for the Prevention of Cruelty to Animals. Eight premises were licenced as Pet Shops during the year and 17 inspections were carried out on these premises.

MILK SUPPLY

Seventy-one inspections were made during 1953 at Dairies and Milk Shops in the area.

The following Licences under the Milk (Special Designation) Regulations were in force during 1953 :

Tuberculin Tested Dealers Licence	7
Tuberculin Tested Supplementary Licence	1
Pasteurised Dealers Licence	17
Pasteurised Supplementary Licence	1

MILK SUPPLY (Continued)

The following samples of milk were taken during the year :

	Number	Unsatisfactory
Pasteurised	12	1
Tuberculin Tested (Pasteurised) ..	2	-
Tuberculin Tested	1	-
Raw (Biological Test)	11	-

This has been a very satisfactory year in relation to the milk supply to the town. There has been freedom from complaint by the public and sampling results have been excellent.

Milk is supplied in the area by four firms, each of which supplies Tuberculin Tested milk from farms in the adjoining countryside. Two pasteurise milk at their premises and pasteurised milk is also supplied to the local firms from London and Headcorn, whilst one firm supplies undesignated raw milk. T.T. (Pasteurised) milk is supplied by two firms.

Washed Milk Bottles

12 samples were taken comprising 63 bottles, of which 34 were satisfactory and 29 unsatisfactory.

The unsatisfactory bottles were from one firm which is now obtaining its milk in bottles from elsewhere.

ICE CREAM

Sixteen samples of Ice Cream were submitted to the County Pathologist with the following results :-

Methylene Blue Test

Grade I	11)	Satisfactory
Grade II	2)	
Grade III	2)	Unsatisfactory
Grade IV	1)	

In general it may be said that the Ice Cream situation was quite satisfactory during the year.

ICE LOLLIES

Seven samples were taken and submitted to analysis for chemical contamination. Two samples contained an excessive amount of lead. The firms concerned were informed and the position remedied as was shown by subsequent sampling.

FOOD PREMISES

401 visits were made to various food premises during the year (excluding Dairies and Milk Shops).

A noticeably friendlier atmosphere can be detected when visiting these premises which presumably arises from the Council's adoption of a more active Clean Food Handling policy.

SLAUGHTER OF ANIMALS

Three licences were issued during the year to slaughter or skin animals in a Slaughterhouse or Knackers yard.

UNSOUND FOOD

There is no slaughtering carried out within the District with the exception of private pigs killed during the Christmas period.

The total amount of food condemned was 4-tons 10-cwts 102-lbs 6-ozs.

167 visits were made in connection with unsound foodstuffs.

The following Foodstuffs were condemned during 1953 :

	Cwt.	lbs.	ozs.
Tinned Goods			
Vegetables	15	69	-¾
Fruit	9	77	10½
Soup	1	10	8
Preserves	1	66	14½
Milk		83	5½
Paste		15	12¾
Meat	4	89	-¼
Cereals		2	-
Fish		79	6¼
Sausages		14	-
Puddings		21	-
Cereals		2	-
Chocolate Spread		1	8
Cream			6
Other Goods			
Meat	10	21	8
Offal	1	82	8
Fish	6	79	-
Sausages	1	36	-
Poultry		106	4
Rabbits	2	53	-
Biscuits	6	79	2
Bacon		48	8
Sweetened Fat	2	-	-
Cooking Fat	4	-	-
Butter		50	8
Margarine	1	15	8
Cake		73	12
Cheese		64	12¾
Sugar	12	79	8
Vegetables		96	-
Sweets		1	8
Soups		9	4¾
Fruit		8	-
Cereals	1	42	12
Gravy Powder		2	4
Nuts		1	-
Salt		15	-
Tea		35	8
Sauces		1	6¾
Coffee		10	4
Cake Mixture		18	-
Blancmange Powder		2	2½
Custard Powder		4	11¼
Total :	4-tons 10cwt102-lbs6-ozs.		

Details of Samples taken by the County Sampling Officers within the Borough of Deal during the year ended the 31st December, 1953.

Article	No.	Article	No.
Adhesive Plaster	2	B/fd.	28
Bread	2	Lint	2
Chicken Noodle Soup	1	Meat Pies	5
Coffee	1	Milk	23
Condensed Milk	3	Milk Chocolate	1
Cough Mixture	4	Milk Soup	1
Dandelion Coffee	2	Pork Pies	3
Dripping	2	Processed Cheese	1
Fish Paste	1	Rum	1
Flour	3	Sage and Onion	1
Frucose Sweets	1	Sago	2
Gin	2	Sausages	5
Honey, Glycerine and Lemon	1	Savoury Soup	1
Icing Sugar	1	Sucrets	1
Jam	1	Tomato Chutney	1
Krunz	1	Vecon Meat Extract	1
		Wisky	1
C/fd.	28	Total	78

SUMMARY

Milks	23
Drugs	12
Spirits	4
Other samples	39
	78

All the above samples were genuine with the exception of the following :-

Sample of	Analysis	Action taken
Hot Milk	Contained 11% extraneous water	Prosecution. Fine £1 a Costs £1. 1. 0.
Hot Milk	Contained 18% extraneous water	Prosecution. Fine £1 a Costs £1. 1. 0.
Hot Milk	Contained 19% extraneous water	Prosecution. Fine £1 a Costs £1. 1. 0.
Hot Milk	Contained 34% extraneous water	Prosecution. Fine £1 a Costs £1. 1. 0.
Hot Milk	53% deficient in fat	Prosecution. Fine £1.
Cough Mixture) Cough Mixture) Cough Mixture)	Contained mould growth	Remaining stock destro
Adhesive Plaster	Deficient in boric acid	Further sample satisfactory
Strawberry Jam	Deficient in soluble solids	This is jam of a type ing special dietetic qualities. Not now described as j

...le of	Analysis	Action taken
...ing	Rancid	A further sample was satisfactory
...ies	Low meat content	Manufacturer advised to increase meat content. Further samples have been satisfactory.
...aising	Deficient in available CO_2	Old stock. Further samples satisfactory
	Contained approximately 40% Cistus	Importers cautioned
...e Sweets	Deficient in Vitamin C.	Matter investigated by manufacturers. Claim for vitamins amended.

...osecution

...n the case of a maggoty meat pie which had been sold to a local ...dnt by a local firm, the Council decided to prosecute. The ...endants pleaded guilty and were fined £10. with £2. 2. 0d. costs.

...LTH EDUCATION

...mphasis has been upon Clean Food Handling.A series of four Lectures ...n ...ood Hygiene is given by the Sanitary Inspectors and these are ...ea...ed at intervals. The Council has approved the issue of a certi...at... of attendance to all firms whose whole staff has attended a com...te series. These certificates may be displayed on the premises. ...re are suitable conditions and provisions for operating the issue ...th...e certificates.

...IS...ATION IN FORCE IN THE BOROUGH DURING 1953

...he Department is concerned with administration of the follow...Acts and Byelaws :-

...ublic Health Acts (Amendment) Act 1907

...Slaughter of Animals Act 1933

...ublic Health Act 1936

...Housing Acts 1936/1949

...ublic Health (Drainage of Trade Premises)Act 1937

...actories Act 1937 and 1948

...ood and Drugs Act 1938 and Regulations thereunder

...Water Act 1945

...Prevention of Damage by Pests Act 1949

...Shops Act 1950

...ood and Drugs (Milk, Dairies, Artificial Cream) Act 1950

...et Animals Act 1951

...ag Flock and other Filling Materials Act 1951

...Byelaws with respect to :-

LEGISLATIONS IN FORCE IN THE BOROUGH
(continued)

Means of escape from fire

Common Lodging Houses

Good Rule and Government

Tents, Vans and Sheds

Slaughterhouses

Nuisances

Offensive Trades

Handling, Wrapping and Delivery of Food and sale of food in open air